

For the Examiner's convenience, another copy of these references are being provided herewith. Since the references were properly submitted in the parent application, Applicants assert that the Information Disclosure Statements were in complete compliance with the rules. Applicants respectfully request the Examiner to consider references B1, C5 and C6 from the enclosed Forms PTO-1449, and returned initialed and signed copies of the Forms PTO-1449 for our files.

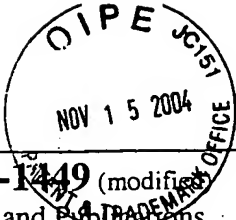
Respectfully submitted,



Robert C. Kowert
Reg. No. 39,255
Attorney for Applicant(s)

MEYERTONS, HOOD, KIVLIN,
KOWERT & GOETZEL, P.C.
P. O. Box 398
Austin, Texas 78767
(512) 853-8800

Date: November 11, 2004



Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5181-49800
APPLICANT: Traversat et al.
FILING DATE: June 2, 2000

SERIAL NO. 09/587,110
GROUP: 2759

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
	D1	5,778,187	7/7/98	Monteiro, et al.			
	D2	5,832,529	11/3/98	Wollrath, et al.			
	D3	6,016,500	1/18/00	Waldo, et al.			

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
	C1	11-45187	10/10/97	JP			
	C2	2 253 079	8/26/92	GB			
	C3	2 262 825	6/30/93	GB			
	C4	2 305 087	3/26/97	GB			
	C5	300 516	1/25/89	EP			
	C6	351 536	1/24/90	EP			
	C7	384 339	8/29/90	EP			
	C8	472 874	3/4/92	EP			
	C9	474 340	3/11/92	EP			
	C10	497 022	8/5/92	EP			
	C11	555 997	8/18/93	EP			
	C12	565 849	10/20/93	EP			
	C13	569 195	11/10/93	EP			
	C14	697 655	2/21/96	EP			
	C15	660 231	6/28/95	EP			
	C16	651 328	5/3/95	EP			
	C17	625 750	11/23/94	EP			
	C18	718 761	6/26/96	EP			
	C19	767 432	4/9/97	EP			
	C20	778 520	6/11/97	EP			
	C21	794 493	9/10/97	EP			

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

NOV 15 2004

Form PTO-1449 (modified)

List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5181-49800

APPLICANT: Traversat et al.

FILING DATE: June 2, 2000

SERIAL NO. 09/587,110

GROUP: 2759

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
	C22	803 810	10/29/97	EP			
	C23	803 811	10/29/97	EP			
	C24	805 393	11/5/97	EP			
	C25	810 524	12/3/97	EP			
	C26	817 020	1/7/98	EP			
	C27	817 022	1/7/98	EP			
	C28	817 025	1/7/98	EP			
	C29	836 140	4/15/98	EP			
	C30	92/07335	4/30/92	WO			
	C31	92/09948	6/11/92	WO			
	C32	93/25962	12/23/93	WO			
	C33	94/03855	2/17/94	WO			
	C34	96/10787	4/11/96	WO			
	C35	96/03692	2/8/96	WO			
	C36	96/18947	6/20/96	WO			
	C37	96/24099	8/8/96	WO			
	C38	98/02814	1/22/98	WO			
	C39	98/04971	2/5/98	WO			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	C40	Jaworski, "Java 1.1 Developer's Guide, 2 nd Edition," Sams.net, 1997.
	C41	Coulouris, et al., "Distributed Systems Concepts and Designs," Second Edition, Addison-Wesley, 1994.
	C42	Mullender, "Distributed Systems," Second Edition, Addison-Wesley, 1993.
	C43	Lindholm, et al., "The Java TM Virtual Machine Specification," Addison Wesley, 1996.
	D4	"SOAP: Simple Object Access Protocol," msdn online Web Workshop, Microsoft, April 26, 2000, http://msdn.Microsoft.com/xml/general/soapspec.asp , 34 pages.
	D4	Rob Guth, "Sun tries on JacaSpaces for Distributed OS," August 1997, Vol. 19, Issue 34, 2 pages.
	D6	Microsoft, "Microsoft.NET: Realizing the Next Generation Internet," A Microsoft White Paper, June 2000, 8 pages.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.



**List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)**

FILING DATE: June 2, 2000

GROUP: 2759

D7	K. F. Eustice, et al., "A Universal Information Appliance," IBM Systems Journal, Vol. 38, No. 4, 1999, Pp. 575-601.
D8	Wycoff et al., "T Spaces," IBM Systems Journal, Vol. 37, No. 3-Java Technology, August 1998, 36 pages.
D9	Steve Morgan, "Jini to the Rescue," IEEE Spectrum, April 2000, Vol. 37, No. 4, 8 pages.

~~DATE CONSIDERED:~~

Information Disclosure Statement--PTO 1449 (modified)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Traversat et al

Serial No.: 09/587,110

Filing Date: 06/02/00

Title: CACHING MECHANISM FOR A VIRTUAL HEAP

Atty. Docket No. 5181-49800; P4435



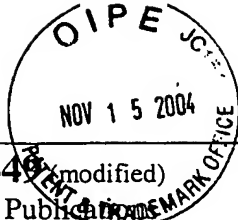
The date stamp of the mail room of the U.S. Patent and Trademark Office hereon will acknowledge receipt of the attached 1) Information Disclosure Statement w/ accompanying Form PTO-1449 and references C1 - C43 & D1 - D9; and 2) Return Postcard.

RCK\pwg

Via First Class Mail

date:

Sept. 14, 2001



Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5181-49800

SERIAL NO. 09/587,110

APPLICANT: Traversat et al.

GROUP: 2759

FILING DATE: June 2, 2000

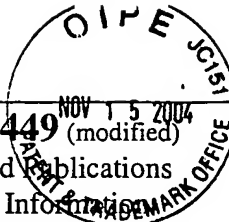
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

B1	"Java TM Remote Method Invocation Specification," Sun Microsystems, Inc., <java.sun.com/products/dk1.2beta1>, 1997.
B2	Agha, et al., "Actorspaces: An Open Distributed Programming Paradigm," University of Illinois, Report No. UIUCDCS-R-92-1766, Open Systems Laboratory TR NO. 8, pp. 1-12, November 1992.
B3	Ahmed, et al., "A Program Building Tool for Parallel Applications," Yale University, pp. 1-23, December 1, 1993.
B4	Aldrich, et al., "Providing Easier Access to Remote Objects in Client-Server Systems," System Sciences, 1998, Proceedings of the 31 st Hawaii Internat'l. Conference, Jan. 6-9, 1998, pp. 366-375.
B5	Aldrich, et al., "Providing Easier Access to Remote Objects in Distributed Systems," Calif. Institute of Technology, www.cs.Caltech.edu/%7Ejedi/paper.html, Nov. 21, 1997.
B6	Anderson, et al., "Persistent Linda: Linda + Transaction + Query Processing," Proceedings of the 13 th Symposium on Fault Tolerant Systems, pp. 93-109, 1991.
B7	"Transparent Network Computing," Locus Computing Corporation, January 5, 1995.
B8	Alexander, et al., "Active Bridging," Proceedings of the ACM/SIGCOMM'97 Conference, Cannes, France, September, 1997.
B9	Beech, et al., "Object Databases as Generalizations of Relational Databases," Computer Standards & Interfaces, Vol. 13, Nos. 1/3 pp. 221-230, Amsterdam, NL, January 1991.
B10	Bertino, et al., "Object-Oriented Database Management Systems: Concepts and issues," Computer, Vol. 24, No. 4, pp. 33-47, Los Alamitos, CA, April 1991.
B11	Betz, et al, "Interoperable Objects: Laying the Foundation for Distributed Object Computing," Dr. Dobb's Journal, Vol. 19, NO. 11, page 18(13), October 1994.
B12	Bevan, et al., "An Efficient Reference Counting Solution To The Distributed Garbage Collection Problem," Parallel Computing, NL, Elsevier Science Publishers, Amsterdam, Vol. 9, No. 2, pages 179-192, January 1989.
B13	Birrell, et al., "Distributed Garbage Collection for Network Objects," Digital Systems Research Center, NO. 116, pages 1-18, December 15, 1993.
B14	Birrell, et al., "Grapevine: An Exercise in Distributed Computing," Communications fo the ACM, Vol. 25, No. 4, pp. 260-274, April 1982.
B15	Birrell, et al., "Network Objects," DEC SRC Research Report 115, February 28, 1995.
B16	Birrell, et al., "Implementing Remote Procedure Calls," ACM Transactions on Computer Systems, Vol. 2, No. 1, pp. 39-59, February 1994.
B17	Birrell, et al., "Network Objects," Operating Systems Review, 27(5), pp. 217-230, December 1993.
B18	Cannon, et al., "Adding Fault-Tolerant Transaction Processing to LINDA," Software-Practice and Experience, Vol. 24(5), pp. 449-466, May 1994.
B19	Cardelli, "Obliq, A Lightweight Language For Network Objects," Digital SRC, pp. 1-37, November 5, 1993.
B20	Carriero, et al., "Distributed Data Structures in Linda," Principles of Programming Language, pp. 1-16, 1986.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.



Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5181-49800

SERIAL NO. 09/587,110

APPLICANT: Traversat et al.

GROUP: 2759

FILING DATE: June 2, 2000

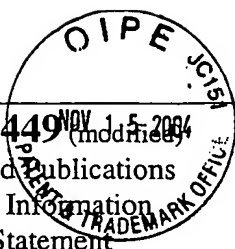
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	B21	Carriero, et al., "Distributed Data Structures in Linda," Yale Research Report YALEU/DCS/RR-438, November 1985.
	B22	Chung, et al., "A Tiny' Pascal Compiler: Part 1: The P-Code Interpreter," BYTE Publications, Inc., September 1978.
	B23	Chung, et al., "A Tiny' Pascal Compiler: Part 2: The P-Compiler," BYTE Publications, Inc., October 1978.
	B24	Dave, et al., "Proxies, Application Interface, And Distributed Systems," Proceedings International Workshop On Object Orientation In Operating Systems, pages 212-220, September 24, 1992.
	B25	Deux, et al., "The O2 System," Communications Of The Association For Computing Machinery, Col. 34, No. 10, pages 34-48, October 1, 1991.
	B26	Dijkstra, "Self-stabilizing Systems in Spite of Distributed Control," Communications of the ACM, Vol 17, No. 11, pp. 643-644, November 1974.
	B27	Dolev, et al., "On the Minimal Synchronism Needed for Distributed Consensus," Journal of the ACM, Vol. 34, NO. 1, pp. 77-97, January 1987.
	B28	Dollimore, et al., "The design of a System for Distributing Shared Objects," The Computer Journal, No. 6, Cambridge, GB, December 1991.
	B29	Dourish, "A Divergence-Based Model of Synchrony and Distribution in Collaborative Systems," Xerox Technical Report EPC-1194-102, pp. 1-10, 1994.
	B30	Drexler, et al., "Incentive Engineering for Computational Resource Management," The Ecology of Computation, Elsevier Science Publishers B.V., pp. 231-266, 1988.
	B31	Gelernter, et al., "Parallel Programming in Linda," Yale University, pp. 1-21, January 1995.
	B32	Droms, "RFC 1541 Dynamic Host Configuration Protocol," < http://www.cis.ohio-state.edu.htbin/rfc/rfc1541.html >, pages 1-33, October 1993.
	B33	Emms, "A Definition Of AN Access Control Systems Language," Computer Standards And Interfaces, Vol. 6, No. 4, pp. 443-454, January 1, 1997.
	B34	Fleisch, et al., "High Performance Distributed Objects Using Distributed Shared Memory & Remote Method Invocation," System Sciences, 1998, Proceedings of the 31 st Hawaii Internat'l. Conference, Jan. 6-9, 1998, pp. 574-578.
	B35	Gelernter, "Generative Communication in Linda," ACM Transactions on Programming Languages and Systems, Vol. 7, No. 1, pp. 80-112, January 1985.
	B36	Gottlob, et al., "Extending Object-Oriented Systems with Roles," ACM Transactions On Information Systems, Vol. 14, NO. 3, pp. 268-296, July 1996.
	B37	Gray, et al. "Leases: An Efficient Fault-Tolerant Mechanism for Distributed File Cache Consistency," ACM, pp. 202-210, 1989.
	B38	Guth, "JavaOne: Sun to Expand Java Distriubted Computing Effor," < http://www.sunworld.com/swol-02-1998/swol-02-sunspots.html >, XP-002109935, p.1, February 20, 1998.
	B39	Guyennet, et al., "A New Consistency Protocol Implemented in the CaliF System," IEEE, 1094-7256/97, pp. 82-87, 1997.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.



Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5181-49800

APPLICANT: Traversat et al.

FILING DATE: June 2, 2000

SERIAL NO. 09/587,110

GROUP: 2759

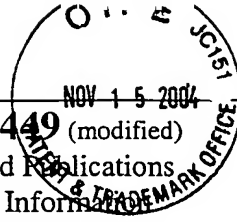
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	B40	Guyennet, et al., "Distributed Shared Memory Layer for Cooperative Work Applications," IEEE, 0742-1303/97, pp. 72-78, 1997.
	B41	Hamilton, et al., "Subcontract: A Flexible Base for Distributed Programming," Proceedings of 14 th Symposium of Operating System Principles, December 1993.
	B42	Hamilton, "Java and the Shift to Net-Centric Computing," Computer, pp. 31-39, August 1996.
	B43	Harris, et al., "Proposal for a General Java Proxy Class for Distributed Systems and Other Uses," Netscape Communications Corp., June 25, 1997.
	B44	Hartman, et al., "Liquid Software: A New Paradigm For Networked Systems," Technical Report 96-11, Dept. of Comp. Sci., Univ. of Arizona, June 1996.
	B45	Howard, et al., "Scale and Performance in a Distributed File System," ACM Transactions on Computer Systems, Vol. 6, No. 1, pp. 51-81, February 1988.
	B46	Pier, "A Retrospective on the Dorando, A High-Performance Personal Computer," Xerox Corporation, August 1983.
	B47	Pinakis, "Using Linda as the Basis of an Operating System Microkernel," University of Western Australia, Dept. of Computer Science, pp. 1-165, August 1993.
	B48	Riggs, et al., "Picking State in the Java TM System," USENIX, Association Conference on Object-Oriented Technologies and Systems, CP-002112719, pp. 241-250, June 17-21, 1996.
	B49	Rosenberry, et al., "Understanding DCE," Chapters 1-3, 6, 1992.
	B50	Sharrott, et al., "ObjectMap: Integrated High Performance Resources into a Distributed Object-oriented Environment," ICODP, 1995.
	B51	Stevenson, "Token-Based Consistency of Replicated Servers," IEEE, CH2686-4/89/0000/0179, pp. 179-183, 1989.
	B52	Thompson, "Regular Expression Search Algorithm," Communications of the ACM, Vol. II, No. 6, p. 149 et seq., June 1968.
	B53	Venners, "Jini Technology, Out of the Box," JAVAWORLD, 'Online!', pp. 1-4, December 1998.
	B54	Waldo, et al., "Events in An RPC Based Distributed System," Proceedings Of The 1995 USENIX Technical Conference, Proceedings USENIX Winter 1995 Technical Conference, New Orleans, LA, USA, 16-20, pages 131-142, January 1995.
	B55	Wilson, et al., "Design of the Opportunistic Garbage Collector," Proceedings of the Object Oriented Programming Systems Languages And Applications Conference, New Orleans, Vol. 24, No. 10, October 1989.
	B56	Wollrath, et al., "A Distributed Object Model for theJaca TM System," USENIX Association, Conference on Object-Oriented Technologies and Systems, June 17-21, 1996.
	B57	Wu, "A Type System For An Object-Oriented Database Systems," Proceedings of the International Computer Software and Applications Conference (COMPSAC), Tokyo, Japan, pp. 333-338, Sept. 11-13, 1991.
	B58	Yemini, et al., "Towards Programmable Networks," IFIP/IEEE International Workshop on Distributed Systems: Operations and Management, L'Aquila, Italy, October 1996.
	B59	Yin, et al., "Using Leases to Support Server Driven Consistency in Large-Scale Systems," Computer Services Department, University of Texas at Austin, p. 285-294, May 26-28, 1998.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.



Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5181-49800

APPLICANT: Traversat et al.

FILING DATE: June 2, 2000

SERIAL NO. 09/587,110

GROUP: 2759

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

B60	Yin, et al., "Volume Leases for Consistency in Large-Scale Systems," IEEE Transactions on Knowledge & Data Engineering, Vol. 11, No. 4, pp. 563-576, July/August 1999.
B61	Mitchell, et al., "An Overview of the Spring System," February 1994.
B62	Mitchell, et al., "Mesa Language Manual," Xerox Corporation, Palo Alto Research Center, 1978.
B63	McDaniel, "An Analysis of a Mesa Instruction Set," Xerox Corporation, May 1982.
B64	McGrath, "Discovery and its Discontents: Discovery Protocols for Ubiquitous Computing," Presented at Center for Excellence in Space Data and Information Science, NASA Goddard Space Flight Center, April 5, 2000.
B65	Mummert, et al., "Long Term Distributed File Reference Tracing: Implementation and Experience," Carnegie Mellon University School of Computer Science, pp. 1-28, November 1994.
B66	Orfali, et al., "The Essential Distributed Objects Survival Guide," Chapter 11: Corba Commercial ORBs, pages 203-215, John Wiley & Sons, Inc., 1996.
B67	Ousterhout, et al., "The Sprite Network Operating System," Computer, IEEE, pp. 23-36, February 1988.
B68	Pier, "A Retrospective on the Dorando, A High-Performance Personal Computer," IEEE Conference Proceedings, The 10 th Annual International Symposium on Computer Architecture," 1993.
B69	Hunt, "IDF: A Graphical Data Flow Programming Language for Image Processing and Computer Vision," Proceedings of the International Conference on Systems, Man, and Cybernetics, pp. 351-360, Los Angeles, Nov. 4-7, 1990.
B70	IBM TM Technical Disclosure Bulletin, "Object Location Algorithm," Vol. 36, No. 09B, pp. 257-258, September 1993.
B71	IBM, "Chapter 6 - Distributed SOM (DSOM)," SOMobjects Developer Toolkit Users Guide, Version 2.1, pages 6-1-6-90, October 1994.
B72	Anonymous, "Change-Notification Service for Shared Filed," IBM Technical Disclosure Bulletin, Vol. 36, No. 8, pages 77-82, XP002109435 New York, US, November 1973.
B73	IBM TM Technical Disclosure Bulletin, "Retrieval of Qualified Variables Using Extendible Hashing," Vol. 36, No. 12, pp. 301-303, December 1993.
B74	Anonymous, "Resource Preemption for Priority Scheduling," IBM TECHNICAL DISCLOSURE BULLETIN, Vol. 16, No. 6, page 1931, XP002109435 New York, US, November 1973.
B75	IBM TM Technical Disclosure Bulletin, "Local Network Monitoring to Populate Access Agent Directory," Vol. 36, No. 09A, pp. 403*405, September 1993.
B76	MUX-Elektronik, Java 1.1 Interactive Course, www.lls.se/~mux/javaic.html , 1995.
B77	Jones, et al., "Garbage Collection: Algorithms for Automatic Dynamic Memory Management," pages 165-175, John Wiley & Sons, 1996.
B78	Kambhatla, et al., "Recovery with Limited Replay: Fault-Tolerant Processes in Linda," Oregon Graduate Institute, Technical Report CSIE 90-019, pp. 1-16, September 1990.
B79	Kay, et al., "An Overview of the Raleigh Object-Oriented Database System," ICL Technical Journal, Vol. 7, No. 4, pp. 780-798, Oxford, GB, November 1991.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Traversat et al
Serial No.: 09/587,110
Filing Date: 06/02/00
Title: CACHING MECHANISM FOR A VIRTUAL HEAP
Atty. Docket No. 5181-49800; P4435

The date stamp of the mail room of the U.S. Patent and Trademark Office hereon will acknowledge receipt of the attached 1) Information Disclosure Statement w/accompanying Form PTO-1449 and references B1 - B85; and 2) Return Postcard.

RCK\pwg

Via First Class Mail

date:

Aug. 9, 2001

